Name: _____

p1106: Solve by factoring (v7)

1. Solve the equation
$$x^2 + 13x + 42 = 0$$

2. Solve the equation
$$x^2 + 3x - 18 = 0$$

3. Solve the equation
$$3x^2 + 6x - 32 = 2x^2 + 4x - 8$$

4. Solve the equation
$$2x^2 + 13x - 17 = x^2 + 5x - 8$$

5. Solve the equation
$$7x^2 - 2x - 18 = 6x^2 - 8x - 2$$

6. Solve the equation
$$7x^2 + 41x + 30 = 0$$

7. Solve the equation
$$11x^2 - 58x - 48 = 0$$

8. Solve the equation
$$4x^2 - 9x - 2 = x^2 + x - 9$$

9. Solve the equation
$$10x^2 + 27x + 35 = 7x^2 + 7x + 3$$

10. Solve the equation
$$10x^2 + 58x - 43 = 3x^2 + 8x + 5$$